

For the
FARM

Johns-Manville

Asbestos

FLEXBOARD



**FLEXBOARD
BUILDS
EVERYTHING**

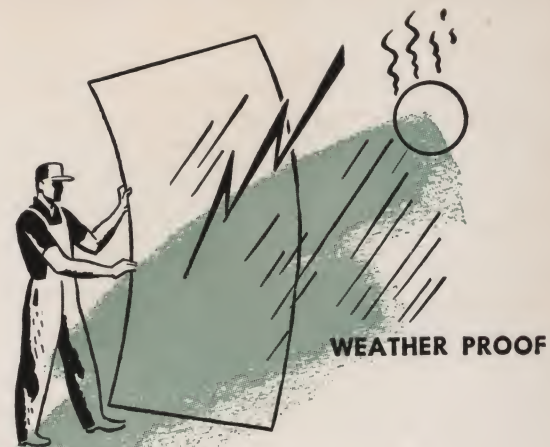
FROM A BARN TO A BIRD HOUSE



Johns-Manville

A S B E S T O S

FLEXBOARD



WEATHER PROOF

A REVOLUTIONARY BUILDING MATERIAL

Flexboard is the versatile building board that is solving an almost endless variety of building problems on farms all over the country. It is a large asbestos board, 4 ft. wide by 8 ft. long, stone grey in color, and has a smooth hard surface. It comes in two thicknesses, 1/8" and 3/16", and can be worked with ordinary carpenters' tools. It is tough and strong yet it is easy to handle and can be curved to a considerable degree without breaking.

FLEXBOARD ENDS FIRE THREAT

If the threat of fire is one of your farm worries, Flexboard is the answer. Made of asbestos and cement, it is fireproof—even the white hot flame of a blow torch cannot ignite it. Applied inside or on the exterior, it protects your live stock, machinery, crops in storage and the building itself against the hazard of fire from oil stoves, kerosene lamps, flying embers or any other potential fire dangers on a farm.

If your farm buildings are subjected to a wide range of weather conditions Flexboard will give you long lasting service. It is proof against sun, wind and rain. It won't rot or rust. It is unaffected by freeze and thaw.

Flexboard is impervious to common farm marauders. Rodents can't gnaw or chew it. Termites and other insects can't burrow into it. And, it is highly resistant to the gases and chemical actions set up by decaying grain, fruit, and other vegetation.

The hard, smooth surface needs no other finish. As soon as it is in place Flexboard is ready for years of maintenance free service.

FIRE PROOF



RODENT PROOF

ECONOMICAL DEPENDABLE LASTING!



**EASY
TO HANDLE**

FLEXBOARD fits almost any farm building — large or small — outside or inside.

It is easy to handle. The sheets are large yet they are of a size and weight that you can manage by yourself. This means that your supply of Flexboard can be moved around without any additional help.

Easy to work, it requires no extra or special equipment. You can use the tools you have and follow the methods with which you are familiar. It can be sawed, sheared, or it can be scored and snapped.

To erect Flexboard you can nail it, fasten it with screws or drill and bolt it. Nailing close to the edge will not crack or chip it. The large size boards mean speedy construction for they cover big areas in a hurry and once they are up they require little if any further attention.

Flexboard solves countless farm

EASY TO WORK



Since it is flexible, and can be applied to curved as well as flat surfaces, Flexboard will fit the gothic roof of a hog house shelter or the straight walls of a dairy barn interior. Also, the sheets can be put up horizontally or vertically, whichever way reduces waste.

Such waste as there is need not be a loss for odd pieces of Flexboard are easily adapted to repair and improvement jobs around the barns or to useful household helps such as hot pads for the table or flower boxes for the windows.

EASY TO NAIL



FITS CURVED SURFACES

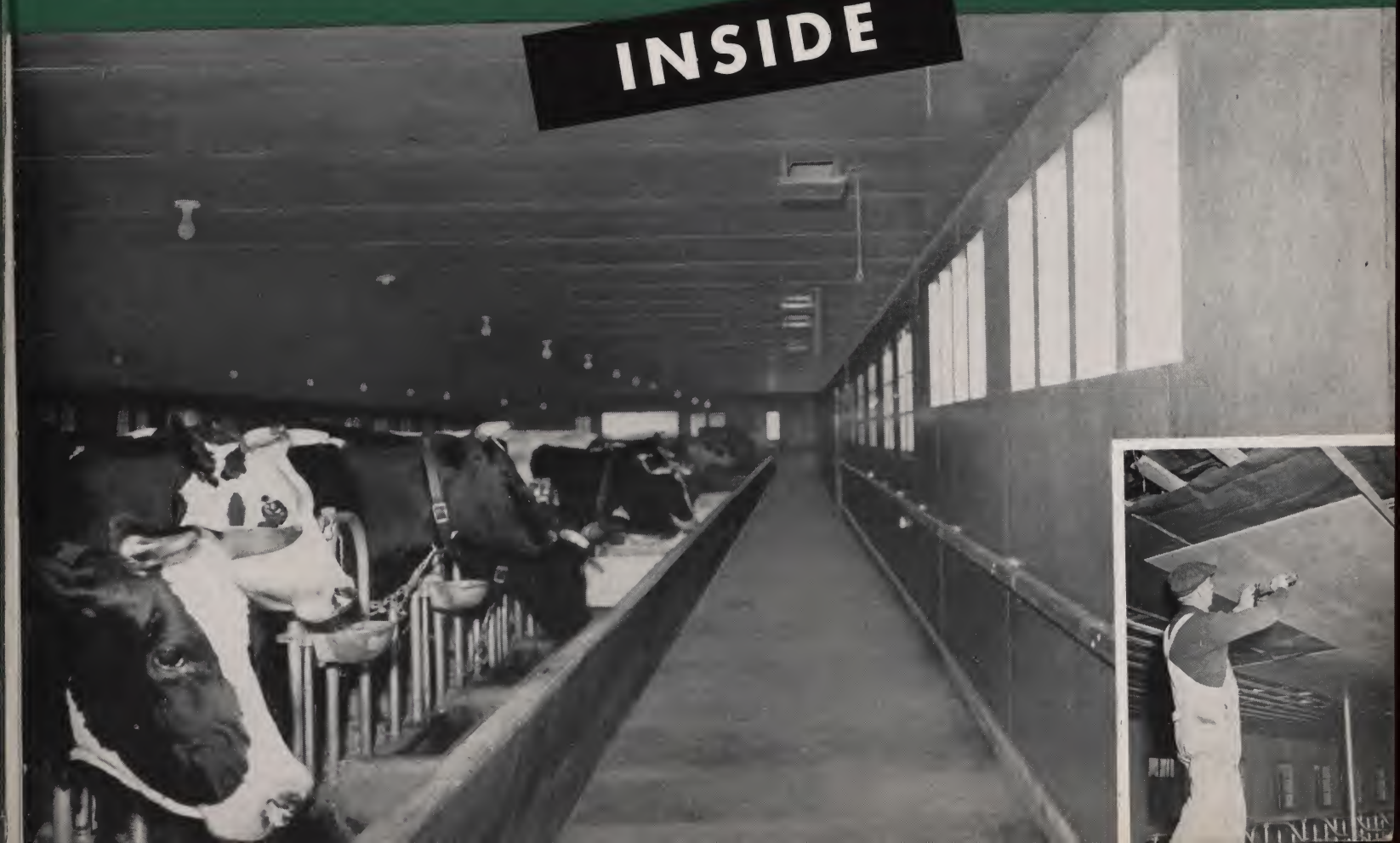




OUTSIDE

BUILDING PROBLEMS

INSIDE



Quick, Low-Cost EXTERIORS...

FLEXBOARD is an excellent material to use on the outside of many of your service buildings. It's fireproof, can't rot or decay, will not rust, and it never needs a coat of paint or any other preservative treatment to help it withstand the weather. Its smooth hard surface stays that way through years of maintenance free service..

Too, this economical exterior protection can be as easily and quickly applied to your old buildings as to new ones. A few of the big sheets will cover a wall from sill to eave. For battens, trim around openings, and gable end pieces the Flexboard can be sawed, or — a faster method — it can be scored and snapped as illustrated below. Diagrams on the facing page show three methods of handling the joints.

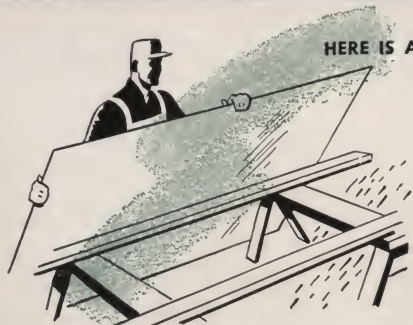


HOG HOUSE — The sheets on this exterior are placed horizontally with the edges lapped 2 inches. The ends are butted. Flexboard is accurately cut to size at the factory so the horizontal line of the lap is straight and even; the tight joint line at the butt is scarcely visible. The walls are neat and secure.

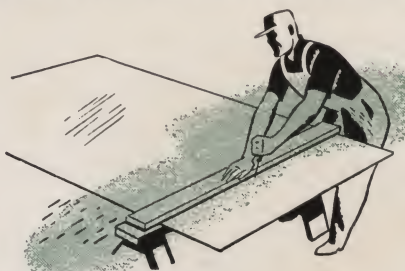


STORAGE BARN — On this Flexboard covered barn the 10 foot height from sill to eaves is filled with one row of sheets placed vertically plus a row of half sheets placed horizontally. Similar narrow pieces fill the gable ends. All of the vertical joints are staggered in the manner of clean, well laid stone work.

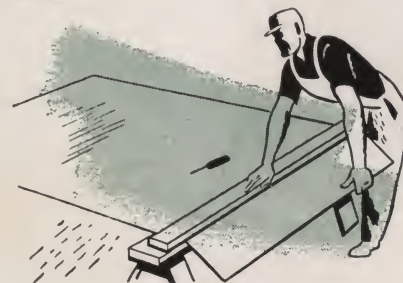
HERE IS A QUICK AND EASY WAY OF CUTTING FLEXBOARD TO DESIRED SIZES.



Place the Flexboard across saw horses or on some other level working surface. A sharp pointed ice pick and a straight edge such as a 2 x 4 are the only necessary tools for this job.



Hold the straight edge firmly with one hand and with the other draw the ice pick back and forth several times until the sheet of Flexboard is "scored" about one third of the way through.



Continuing to hold the straight edge in place, a little pressure will "snap" off the desired piece. The "snapped" edge of the Flexboard can be smoothed with a file or coarse sand paper.

Weather-Proof and Fire-Proof

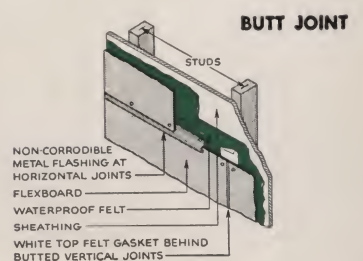
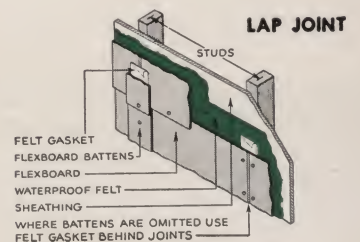
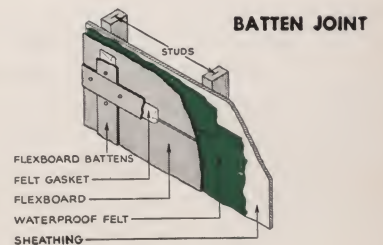


POULTRY HOUSE — On this three story poultry house, one row of Flexboard sheets placed vertically equals one story. This efficient use of Flexboard eliminated waste. The big sheets reduced construction time.

HAY STORAGE BUILDING — For the efficient operation of this rural hay storage building a curved roof was needed. Flexboard fits this curve just as smoothly and evenly as it covers the flat ends of the building. Battens of Flexboard cover the vertical joints. The end joints are lapped.



HERE IS HOW THE JOINTS ARE HANDLED





Safe, Sanitary, Easy-

MILK HOUSES — To meet strict health laws, thousands of milk houses like the one shown below are today being lined with Flexboard. It provides walls and ceilings that are highly resistant to dirt and bacteria. Furthermore it is unaffected by moisture and withstands constant scrubbing.



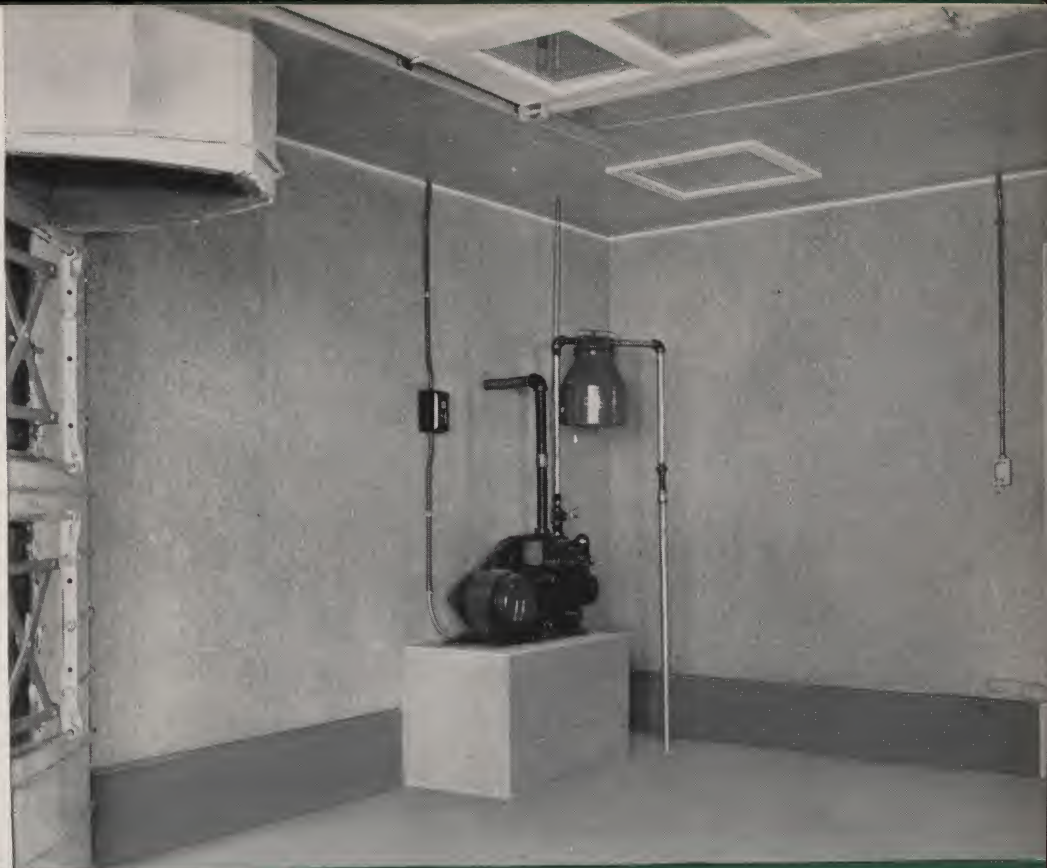
STORAGE BINS — On the sides, top, and bottom of the storage bin pictured below, Flexboard forms a barrier against hungry rats and pests, a shield against fire, and an armor against wind and weather. Flexboard can be curved to fit circular granaries as neatly as rectangular storage spaces.



DAIRY BARN—The interior at the left and the equipment and silo room at the right both have Flexboard walls and ceilings. They are attractive in appearance and easy to keep spic-and-span. Flexboard is fire-proof too, adding another protection for valuable cattle.

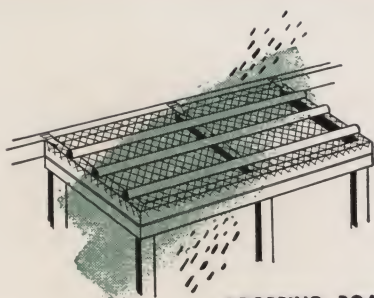


EASY-TO-CLEAN



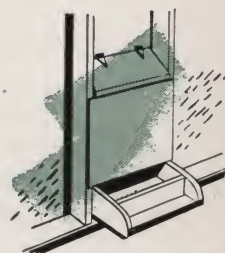
to-Maintain INTERIORS

POULTRY HOUSES — On the interior of the house shown below Flexboard provides a smooth hard surface that hens can't peck through, and that lice, mites, and other disease carriers can't dig into and hide. It never requires whitewash or paint. Regular spraying with disinfectants does not hurt it.

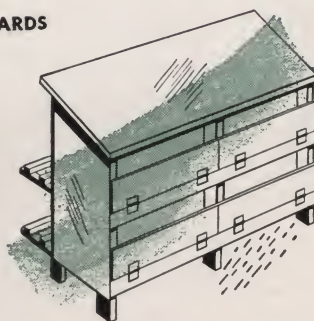


DROPPING BOARDS

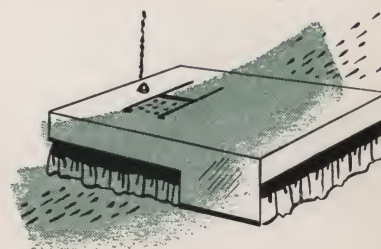
HERE ARE SKETCHES OF OTHER WAYS IN WHICH FLEXBOARD CAN BE USED TO ADVANTAGE.



SHELL FEEDERS



LAYING NESTS



BROODERS



Modernize OLD FARM BUILDINGS

ALMOST any farm building with rotted, rusted, or spalled sides can be rejuvenated at low cost with Johns-Manville Flexboard. If the structural members are sound Flexboard will save deteriorating buildings and extend their life for many more years.

The big sheets can be nailed directly over the worn siding. An even nailing surface is all

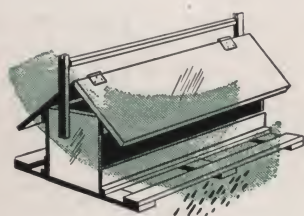
that is needed. Each sheet will cover 32 square feet so the reconditioning job goes fast.

When the work is completed, your old building will be an efficient production unit that will withstand all sorts of weather or temperature conditions. It will be protected from fire and rodents. Future upkeep expense will be cut to the bone. Flexboard lasts indefinitely.



← AFTER • BEFORE ↑

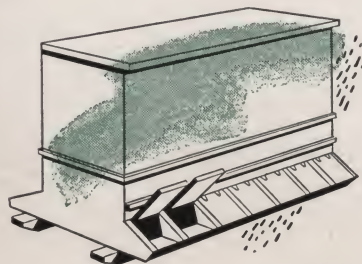
The poultry house at the left is armored with Flexboard. Above is the same structure before it was given this protection. Now the owner can forget surface maintenance. Flexboard needs no preservative treatment. In addition, it protects against fire and it is a barrier to rodents.



POULTRY FEEDERS



LANTERN SHIELDS



HOG FEEDERS



inexpensively with Flexboard



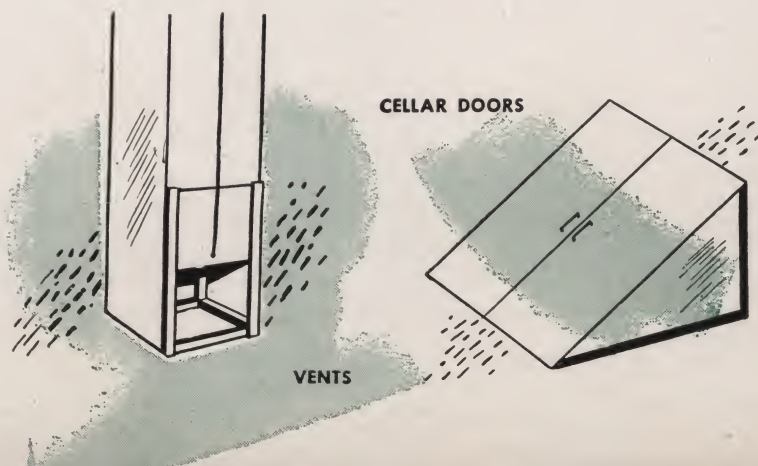
The sanitary and efficient dairy barn at the left was formerly the rough, dirt collecting interior pictured below. This improvement was not expensive. And now it takes far less work to keep it thoroughly clean.

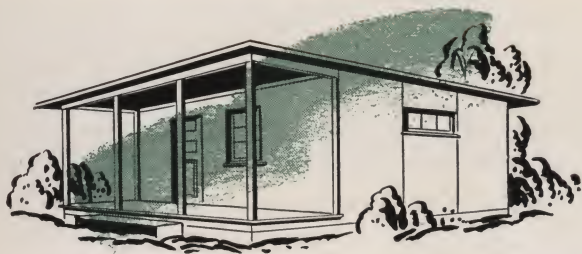
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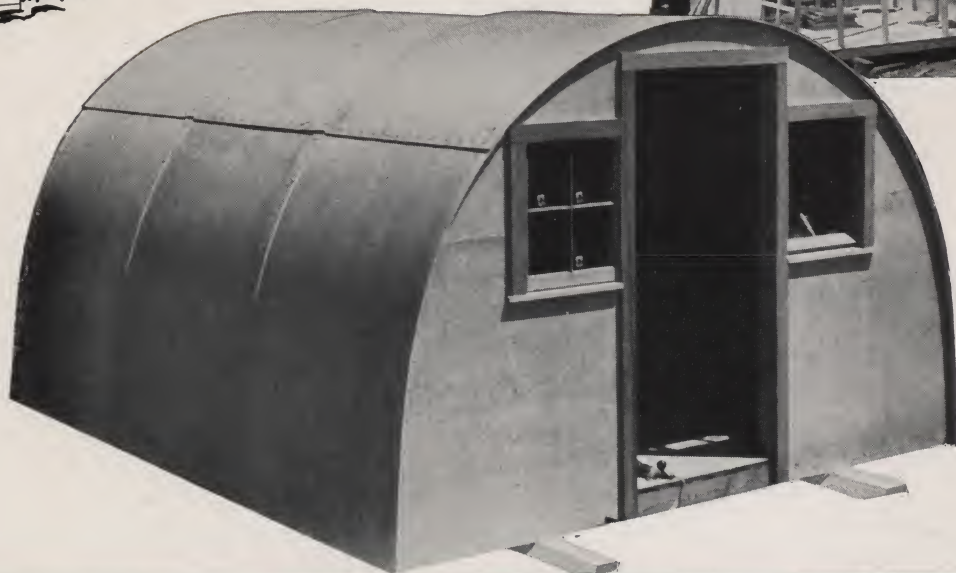
It is hard to realize that the serviceable building at the left was once the run down structure shown above. A few sheets of Flexboard applied right over the old walls did the job and the cost was moderate.





TOURIST CABINS

EASY TO BUILD— The picture at the right shows the framing and the application of Flexboard to produce the finished portable building shown below. Flexboard is strong and firm, flexible enough to fit this curved roof.



Use Flexboard for Lightweight

As every farmer knows, small buildings that can be moved around on a truck or pulled from place to place on skids, contribute to easy management and profitable farm operation. Flexboard, which is light in weight yet strong and durable, is ideally suited to the fabrication of such buildings as range shelters, brooders, farrowing pens, granaries, tool sheds, and even cabins for the housing of seasonal farm workers. With a few sheets of Flexboard, some framing lumber, and a little spare time almost anyone can construct these buildings.

As an aid for exceptionally busy farmers, many building materials dealers are prefabricating portable buildings in their shops. These ready-made structures are for sale either in sections which are bolted together later or as completed buildings which can be put into service as soon as the delivery truck is unloaded.

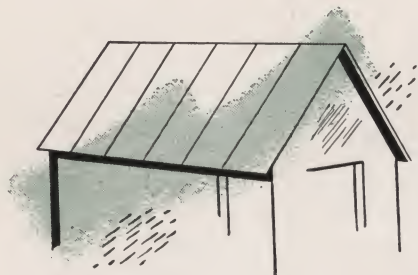


PORTABLE BUILDINGS— Sketched above is a small farm building loaded on a truck and ready to be moved away. Below is a similar structure being prefabricated in a dealer's shop.



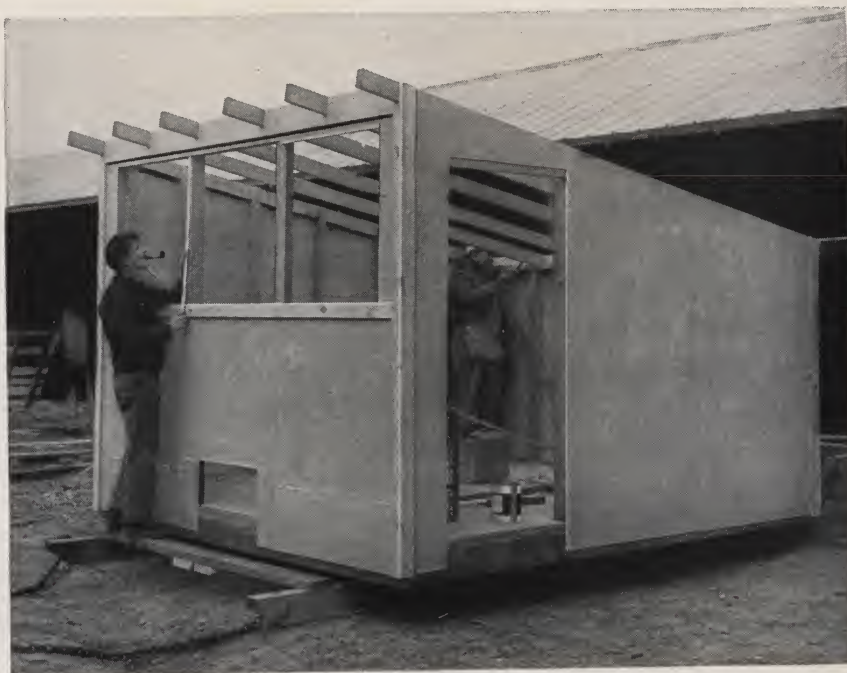
TOOL SHEDS





GRANARY

POULTRY HOUSE — Built on skids, this light weight house can be hooked to a truck or tractor and quickly moved from location to location. The Flexboard is protection against rodent and other animal marauders.



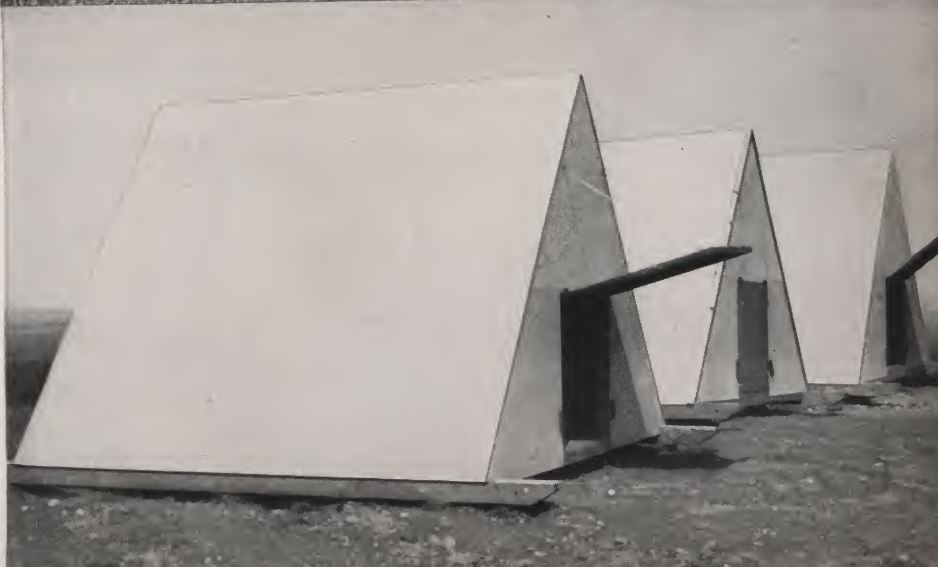
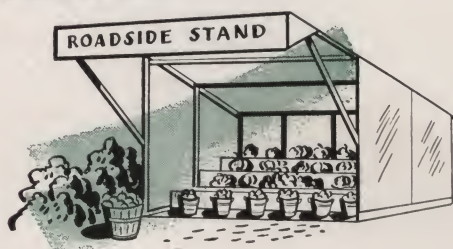
PORTABLE FARM BUILDINGS

RANGE SHELTER — Two sheets of Flexboard make the roof; one sheet is needed for the floor, and some framing and wire completes the job. The floor can be continuously scraped and cleaned, rain can lash and the hot sun can shine on the roof but the Flexboard won't deteriorate or fail.



HOG HOUSES — Constant disinfecting will not harm the Flexboard sides and floors of these sturdy little buildings. Being rot proof and corrosion proof they will give years of service.

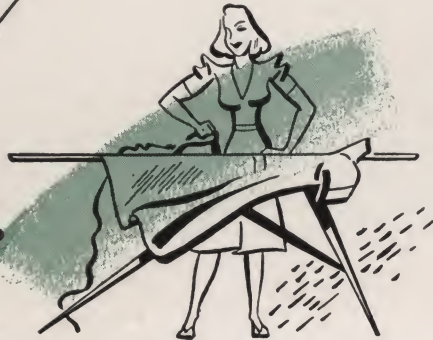
ROAD SIDE STAND



Serves the whole FARM FAMILY



STOVE SHIELD



IRONING BOARD



FLOWER BOX



TILE PATTERN AVAILABLE

Johns-Manville makes Flexboard sheets 4 feet by 4 feet that are scored or grooved in 4 inch squares. Although these sheets require no additional finish, some homemakers like to paint the squares of the tile design in one color and the grooves in a contrasting color or tone.

THE adaptability of Flexboard is particularly evident in and around the farm home. It serves in a big way as an all over protection for the walls and ceilings of kitchens, laundries, washrooms, basements, attics, workshops, and garages. It serves in many smaller ways to make farm life easier, safer, and more pleasant. Some of these uses are sketched here and others will occur to you.

CAN BE PAINTED IF DESIRED

The factory finish of Flexboard is ready to serve as soon as it is in place. However, if the natural stone grey color does not suit you, it can be painted. Any type of paint can be used if the manufacturer's directions for priming and application are followed. Be sure to use a primer that is definitely recommended for asbestos-cement products. This is particularly true for oil paints.

Most casein and other water solvent paints as well as chlorinated rubber paint can be applied without priming and one coat is usually enough to cover. In these cases, too, the manufacturer's instructions should be checked before starting the work.

HOMES — This cottage is Flexboard finished inside and outside.



PUMP ROOM — Walls and doors of Flexboard are easy to clean.



...the whole FARM COMMUNITY

FLEXBOARD can serve the whole farm community as well as the individual farmer. It is as useful in the rural school as in the home. It is protection for a cooperative grain elevator as well as a personally owned granary. It can be used to reface and weatherproof the steeple of a church, or to give a tough but smooth surface to an outdoor platform for dancing. Flexboard can make possible a new grange hall that will be economical to build.

Whenever there is a need for a fireproof, weatherproof, and rodent proof material, there is a need for Flexboard—the one board answer to a multitude of farm problems.



CHURCH SPIRE



SHOWER STALLS




SCHOOL ROOM

GRAIN ELEVATOR



BUNK HOUSES—These are cooperative housing facilities for seasonal workers. Similar easy to erect buildings can serve as barracks for summer campers.






A WHEAT FARMER says:
Flexboard solved my rodent problems. Since I lined my grain bins with it I have to buy food for the cat, no more mice in the barn.

A HOG FARMER says:
Flexboard solved the maintenance problem on my movable hog houses—it stands up well in sun or rain.

A FRUIT MAN says:
Excellent for interiors and exteriors; it does not rot out or buckle from constant exposure to moisture.



A DAIRY FARMER says:
Flexboard is the best material for the interior of barns and milk houses. It is easy to clean, never needs paint and milk inspectors like it—And it's fire proof too.

A POULTRY FARMER says:
Chickens can't peck through Flexboard and I like the fire protection it gives. Also, it reduces labor when used as a finish on dropping boards, which can be scraped clean in a few minutes.

A TOBACCO FARMER says:
I have used Flexboard for 8 years on the exterior and interior of my curing barn. I wouldn't have any other material.

A TRUCK FARMER says:
Sorting tables covered with Flexboard help move the crop to market faster—no splinters in the worker's hands either.

Johns-Manville
ASBESTOS
FLEXBOARD

A TRIED AND TESTED BUILDING MATERIAL

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